

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2004/003432

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B03C 1/00, B03C 1/28, G01N 33/553

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B03C, G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6409925 B1 (M. GOMBINSKY ET AL), 25 June 2002 (25.06.2002), column 10, line 4 - column 11, line 34, figures 1a-2 ---	1,3
X	WO 8705536 A1 (CARBOMATRIX AB), 24 Sept 1987 (24.09.1987), page 2, line 25 - page 4, line 15, figure, abstract --	1,3
X	US 6040192 A (J. TUUNANEN), 21 March 2000 (21.03.2000), column 3, line 48 - column 5, line 9, figures 1-2b --	1

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

2 March 2005

Date of mailing of the international search report

03-03-2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6596162 B2 (J. TUUNANEN), 22 July 2003 (22.07.2003), column 1, line 48 - line 55; column 3, line 33 - column 4, line 45, figure 1, abstract --	1
X	US 5053344 A (M. ZBOROWSKI ET AL), 1 October 1991 (01.10.1991), column 3, line 10 - column 4, line 22, figure 2 --	2
X	US 20030062314 A1 (C. DAVIDSON ET AL), 3 April 2003 (03.04.2003), page 2, paragraph (0024) - paragraph (0026), figure 1 --	2
X	WO 03044537 A1 (CHEMAGEN BIOPOLYMER-TECHNOLOGIE AG), 30 May 2003 (30.05.2003), page 7, line 5 - line 17 --	3
A	EP 1162444 A1 (PRECISION SYSTEM SCIENCE CO., LTD.), 12 December 2001 (12.12.2001) --	1-3
A	DE 10063984 A1 (BILATEC GESELLSCHAFT ZUR ENTWICKLUNG BIOTECHNOLOGISCHER SYSTEME MBH), 20 June 2002 (20.06.2002) -- -----	1-3

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US	6409925	B1	25/06/2002	AU	2439099	A	23/08/1999
				CA	2327798	A	12/08/1999
				CN	1136451	B,C	28/01/2004
				CN	1295669	T	16/05/2001
				EP	1060397	A	20/12/2000
				IL	123210	D	00/00/0000
				WO	9940444	A	12/08/1999

WO	8705536	A1	24/09/1987	AU	7127787	A	09/10/1987
				SE	8601143	A	13/09/1987

US	6040192	A	21/03/2000	DE	1130397	T	04/04/2002
				DE	69429159	D,T	14/08/2002
				DE	69430567	D,T	19/12/2002
				EP	0681699	A,B	15/11/1995
				SE	0681699	T3	
				EP	0681700	A,B	15/11/1995
				SE	0681700	T3	
				EP	1130397	A	05/09/2001
				FI	930440	D	00/00/0000
				FI	953668	A	01/08/1995
				FI	953669	A	01/08/1995
				JP	3142873	B	07/03/2001
				JP	8506661	T	16/07/1996
				JP	8506893	T	23/07/1996
				NO	953014	A	02/10/1995
				US	6197597	B	06/03/2001
				US	6447729	B	10/09/2002
				WO	9418564	A	18/08/1994
				WO	9418565	A	18/08/1994
				AU	7074394	A	17/01/1995
				DE	69420974	D,T	31/05/2000
				EP	0737110	A,B	16/10/1996
				FI	932866	D	00/00/0000
				FI	956135	A	20/12/1995
				JP	3254681	B	12/02/2002
				JP	8511721	T	10/12/1996
				NO	309756	B	26/03/2001
				NO	955200	A	20/12/1995
				US	5647994	A	15/07/1997
				WO	9500247	A	05/01/1995

US	6596162	B2	22/07/2003	EP	1185372	A	13/03/2002
				EP	1266694	A	18/12/2002
				FI	20000583	D	00/00/0000
				JP	2003526511	T	09/09/2003
				NO	20015562	A	04/01/2002
				US	20010022948	A	20/09/2001
				WO	0168263	A	20/09/2001

US	5053344	A	01/10/1991	NONE
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US	20030062314	A1	03/04/2003	AU	754781	B	28/11/2002
				AU	3845299	A	06/12/1999
				BR	9911023	A	25/09/2001
				CA	2333299	A	25/11/1999
				EP	1093393	A	25/04/2001
				IL	124514	A	10/02/2002
				JP	2002515319	T	28/05/2002
				US	6482328	B	19/11/2002
				WO	9959694	A	25/11/1999

WO	03044537	A1	30/05/2003	AU	2002351857	A	00/00/0000
				DE	10156790	A	18/06/2003
				EP	1446668	A	18/08/2004
				TW	586968	B	11/05/2004
				US	20050013741	A	20/01/2005

EP	1162444	A1	12/12/2001	US	6723237	B	20/04/2004
				US	20040173537	A	09/09/2004
				WO	0042410	A	20/07/2000

DE	10063984	A1	20/06/2002	NONE			
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